




Assessment Summary

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| Tug Fork 0.0 to 10.45 KY1548311_01 |  <p>This part of the stream partially supports aquatic life, partially supports swimming (Primary Contact Recreation).</p> |
| Mouth to Rockcastle Creek | |
| Lawrence County, Big Sandy River Basin | |
| HUC 05070201 | |
| Assessment Date: 5/2/2016 | |

| Use | Cause of Impairment | Suspected Source(s) of Impairment | Basis for Listing | Data Collection and Analysis Methods ^{1,2,3} |
|---|---------------------|---|--|---|
|  (5-PS) | Lead | Petroleum/natural Gas Activities, Unspecified Urban Stormwater, Upstream Source | Concentrations exceeded the water quality standard | Physical/Chemical Monitoring |
|  (5-PS) | Escherichia coli | Non-Point Source, Residential Districts, Unspecified Urban Stormwater | Concentrations exceeded the water quality standard | Pathogen Monitoring |

¹ Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

² Data Source(s): KDOW AWQ, KDOW BACT

³ Data Collection Date(s): 4/1/2012 - 3/30/2013

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